

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/577,460  
Source: 1 FWP  
Date Processed by STIC: 6/5/06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 06/05/2006

PATENT APPLICATION: US/10/577,460

TIME: 09:42:24

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\06052006\J577460.raw

3 &lt;110&gt; APPLICANT: Renomedix Institute Inc.

5 &lt;120&gt; TITLE OF INVENTION: Method for increasing hematopoietic support ability of immortalized human

6 stromal cells by introducing indian hedgehog gene

8 &lt;130&gt; FILE REFERENCE: PH-2100-PCT

C--&gt; 10 &lt;140&gt; CURRENT APPLICATION NUMBER: US/10/577,460

C--&gt; 11 &lt;141&gt; CURRENT FILING DATE: 2006-04-27

13 &lt;150&gt; PRIOR APPLICATION NUMBER: JP 2003/373173

14 &lt;151&gt; PRIOR FILING DATE: 2003-10-31

16 &lt;160&gt; NUMBER OF SEQ ID NOS: 2

18 &lt;170&gt; SOFTWARE: PatentIn Ver. 2.1

20 &lt;210&gt; SEQ ID NO: 1

21 &lt;211&gt; LENGTH: 202

22 &lt;212&gt; TYPE: PRT

23 &lt;213&gt; ORGANISM: Homo sapiens

25 &lt;400&gt; SEQUENCE: 1

26 Met Ser Pro Ala Arg Leu Arg Pro Arg Leu His Phe Cys Leu Val Leu

27 1 5 10 15

29 Leu Leu Leu Leu Val Val Pro Ala Ala Trp Gly Cys Gly Pro Gly Arg

30 20 25 30

32 Val Val Gly Ser Arg Arg Arg Pro Pro Arg Lys Leu Val Pro Leu Ala

33 35 40 45

35 Tyr Lys Gln Phe Ser Pro Asn Val Pro Glu Lys Thr Leu Gly Ala Ser

36 50 55 60

38 Gly Arg Tyr Glu Gly Lys Ile Ala Arg Ser Ser Glu Arg Phe Lys Glu

39 65 70 75 80

41 Leu Thr Pro Asn Tyr Asn Pro Asp Ile Ile Phe Lys Asp Glu Glu Asn

42 85 90 95

44 Thr Gly Ala Asp Arg Leu Met Thr Gln Arg Cys Lys Asp Arg Leu Asn

45 100 105 110

47 Ser Leu Ala Ile Ser Val Met Asn Gln Trp Pro Gly Val Lys Leu Arg

48 115 120 125

50 Val Thr Glu Gly Trp Asp Glu Asp Gly His His Ser Glu Glu Ser Leu

51 130 135 140

53 His Tyr Glu Gly Arg Ala Val Asp Ile Thr Thr Ser Asp Arg Asp Arg

54 145 150 155 160

56 Asn Lys Tyr Gly Leu Leu Ala Arg Leu Ala Val Glu Ala Gly Phe Asp

57 165 170 175

59 Trp Val Tyr Tyr Glu Ser Lys Ala His Val His Cys Ser Val Lys Ser

60 180 185 190

62 Glu His Ser Ala Ala Ala Lys Thr Gly Gly

63 195 200

66 &lt;210&gt; SEQ ID NO: 2

67 &lt;211&gt; LENGTH: 609

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68 &lt;212&gt; TYPE: DNA

69 &lt;213&gt; ORGANISM: Homo sapiens

71 &lt;400&gt; SEQUENCE: 2

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74 ccacgcaaac tcgtgccgct cgcctacaag cagttcagcc ccaatgtgcc cgagaagacc 180
75 ctggggcgcca gcggacgcta tgaaggcaag atcgctcgca gctccgagcg cttcaaggag 240
76 ctcacccccca attacaatcc agacatcatc ttcaaggacg aggagaacac aggcgccgac 300
77 cgcctcatga cccagcgctg caaggaccgc ctgaactcgc tggctatctc ggtgatgaac 360
78 cagtggccccg gtgtgaagct gcgggtgacc gagggctggg acgaggacgg ccaccactca 420
79 gaggagtccc tgcattatga gggccgcgcg gtggacatca ccacatcaga ccgcgaccgc 480
80 aataagtatg gactgctggc gcgcttgga gtggaggccg gctttgactg ggtgtattac 540
81 gagtcaaagg cccacgtgca ttgctccgtc aagtccgagc actcggccgc agccaagacg 600
82 ggcggtctaa                                     609
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**VERIFICATION SUMMARY**

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L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date